

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

RELEASED: June 21, 1993 3 P.M., CDT
VOL. 14, NO. 16

CROPS

Improved weather conditions, except in the most northern and southern areas, occurred across most of the state last week, as there was an average of five days suitable for fieldwork. Continued rains and flooding in the north resulted in planting delays, areas which will go unplanted, many drowned crop acres and slowed crop development due to crusted soils. Warmer and drier conditions in the central and western portions of Illinois provided for good crop development and fieldwork, as farmers continued reporting some concerns for cutworms, leaf beetles, alfalfa weevils, and uneven crop emergence. Southern farms have continued to report wet conditions which have slowed planting and crop development, and caused yellowing of corn as well as wheat disease. Throughout the state, numerous farmers have been replanting crops, mostly soybeans, due to water damage. Other farm activities last week included spraying crops for weeds and insects, cutting and baling hay, applying side dressings of anhydrous ammonia and NH_3 , cultivating, mowing roadsides and tending livestock. Pasture condition was rated at 96 percent of normal.

CROP PROGRESS - JUNE 20, 1993

Crop Stage	1993	1992	5-Year Average
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Percent

CORN:

Height (Inches)

Average	11	21	26
Most Advanced	22	34	39

SOYBEANS:

Planted	89	99	96
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WHEAT:

Filled	95	100	99
Turning yellow	77	84	90
Ripe	3	23	47
Harvested	<u>1</u> /	3	14

SORGHUM:

Planted	73	97	87
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OATS:

Headed	42	83	82
Filled	17	34	47
Turning yellow	4	4	13

ALFALFA HAY:

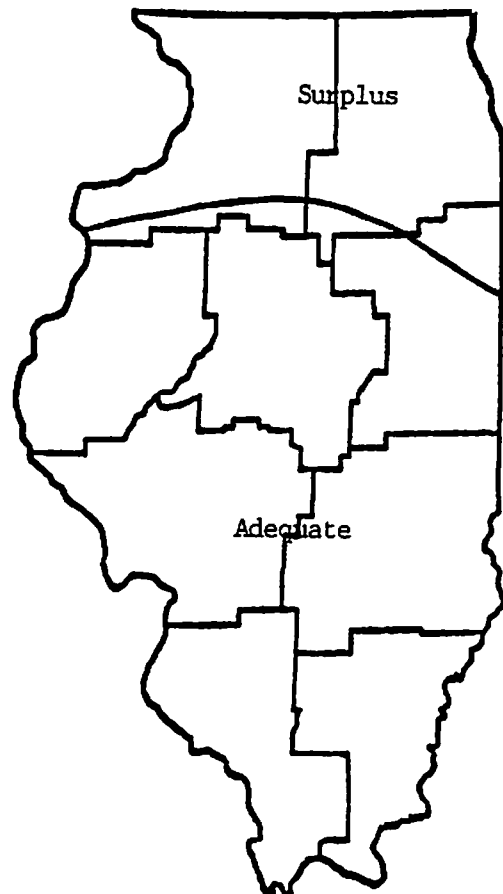
First Cutting	85	96	94
Second Cutting	5	8	13

RED CLOVER:

Cutting	74	81	75
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1/ Less than one percent

The June 21, 1993 release's Volume Number should have been Number 15.



Soil Moisture Supply
June 18, 1993

Crop	Excellent	Good	Fair	Poor	Very Poor
Corn	3	72	23	2	-
Soybeans	3	72	25	-	-
Wheat	4	54	40	2	-
Sorghum	-	65	31	4	-
Oats	6	68	25	1	-
Alfalfa Hay	16	71	11	2	-

District	Soybean Acreage % Planted	Days Suitable For Fieldwork	Soil Moisture Percent	Short	Adequate	Surplus
	As of June 20	June 12 - 18	As of June 18			
Northwest	85	4.0	0	25		75
Northeast	90	4.0	0	15		85
West	96	6.0	5	90		5
Central	98	6.0	10	90		0
East	90	5.0	15	50		35
W Southwest	96	5.5	0	90		10
E Southeast	85	4.5	0	70		30
Southwest	75	5.5	5	65		30
Southeast	85	5.5	0	85		15
State	89	5.0	4	65		31

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
May	3.73	2.54	3.60	2.71	2.64	2.90	4.07	4.44	4.02	3.41
Departure	-0.13	-1.09	-0.47	-1.27	-1.36	-1.35	-0.14	0.03	-0.86	-0.74

A warm period developed in May in Illinois. The monthly temperature averaged one degree above normal. Much of the month saw above normal readings, with slightly cooler temperatures occurring less than a quarter of the month. Maximum temperatures rose to the upper 80's for a brief period in the state.

Precipitation for the state was .74 inches below normal. The East District showed the greatest departure, 1.36 inches below normal. The Southwest District recorded the only above normal precipitation amount, 0.03 of an inch.

Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

WEATHER

Thunderstorms rocked Illinois during the last half of the week after a tranquil start. The series of storms were triggered by disturbances moving along a stationary front that lingered over the central United States. Tropical heat with highs sometimes reaching 90 to 95 plus humidity engulfed Illinois after midweek.

Temperatures generally averaged zero to 4 degrees above normal as highs averaged in the 80's and lows mostly in the 60's. It turned out to be a wet week for many. Rainfall ranged from a half inch or less in parts of the south to several inches locally from thunderstorms in the north. Much of central and northern Illinois received an inch or more of rain.

The forecast for Wednesday through Friday, June 23-25 calls for a chance of thunderstorms about Thursday. High temperatures in the 80's Wednesday and Thursday are forecast in the upper 70's to middle 80's Friday. Overnight lows will be mostly in the 60's.

Week ending 8 A.M. Monday, June 21, 1993

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	:Maxi-	:Mini-	:Depar-	:Curr-	:Since:	:Departure	:Curr-	:Since	:Departure
	:mum	:mum	:ture	:week	:May 1:	:since May 1:	:week	:May 1:	:since May 1
Elizabeth	79	59	0	1.26	10.66	4.27	135	694	29
Rockford	81	62	2	3.13	11.94	5.13	150	773	72
Chicago	81	60	2	5.04	10.65	4.68	148	733	49
Chi Botanical	80	58	2	3.68	10.07	4.24	137	674	107
Watseka	83	63	2	2.33	9.98	3.07	161	841	98
Peru	83	61	1	2.26	8.15	1.24	155	803	33
Moline	85	65	3	2.29	9.96	2.73	173	881	88
Peoria	84	64	2	2.71	8.23	1.76	171	888	78
Kilbourne	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Monmouth	83	61	0	1.75	8.62	2.05	154	804	-25
Quincy	84	64	1	1.56	6.09	-1.15	168	880	33
Perry	85	62	1	1.40	5.62	-1.22	163	843	-2
Springfield	86	66	3	1.03	7.24	1.34	181	940	75
Urbana	85	64	2	1.01	4.84	-1.96	173	896	59
Windsor	86	66	3	0.00	3.98	-2.58	180	947	54
Terre Haute	85	64	2	0.67	4.73	-2.17	172	882	36
St. Louis	88	70	N/A	0.33	8.73	N/A	196	1039	N/A
Belleville	88	67	3	2.16	5.96	-0.65	187	984	42
Brownstown	86	65	2	1.34	7.25	0.27	179	898	29
Iuka	87	62	1	0.46	4.26	-3.07	166	902	-20
Lawrenceville	87	65	2	0.17	7.50	0.50	176	902	-19
Vincennes	87	64	3	0.13	6.17	-1.38	173	888	13
Dixon Springs	89	66	4	0.34	5.98	-2.21	183	1011	63
Paducah	91	67	3	0.11	4.32	-3.46	188	1096	72
Olive Branch	86	62	-1	0.88	6.52	-1.36	166	929	-70
Carbondale	87	63	1	0.56	5.77	-1.68	172	949	2
C Girardeau	90	67	N/A	0.53	7.27	N/A	187	1051	N/A

N/A - Not available.

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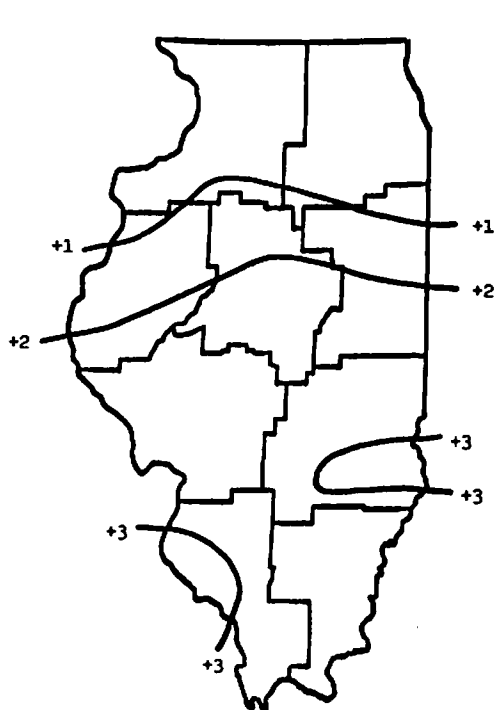
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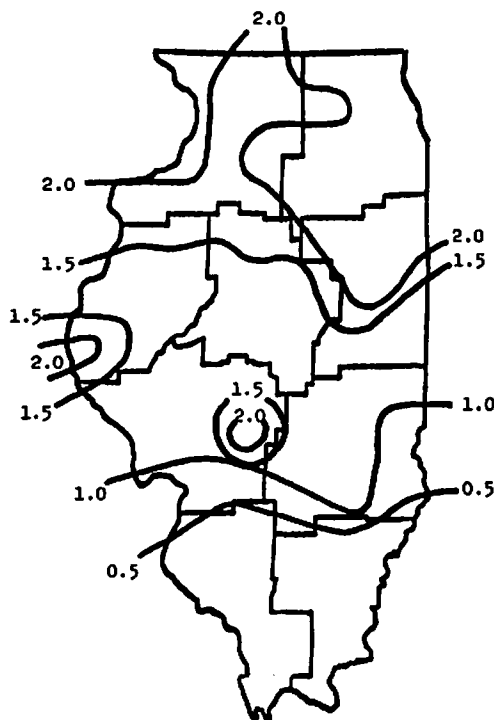
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Champaign, Illinois 61820



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JUNE 15-21, 1993



PRECIPITATION (INCHES)
JUNE 15-21, 1993

CROP PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Agricultural Stabilization and Conservation Service, Extension Service, Soil Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.

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